



Underlined = deleted in targeting construct

Bold = sequence flanking Neo insert in targeting construct

TCTAGACTGGACAGCATCCACAAAGAGAAGCACCTAGAAGGGAGAATTTCCCCAGCAGCTT
GCTCAGGACCCCTGCAGGAGCCGAGCTGGGACTGGACCTGCTGTTAACATGAACTCTTC
CTGCTGCCTGTCTTCTGTTCTCCGATGCTGCCTAACCTCTGAGCACCCTGCAGCCCC
TCCTGCCAGCAACCGGAGCGGCAGTGGGTCTGTGAGCAGGTCTTCATCAAGCCGGAGGT
CTTCCTGCCTCTGGCATCGTCAGATGGAAAACATCCTGGTGATCTGGCTGTGGT
CAGGAATGGCAACCTGCACTCTCCATGTACTTCTCTGTCAGCCTGGCTGCAGCGA
CATGCTGGTGAGCCTGCCAACTCCCTGGAGACCATCATGATCGCCGTGATCAACAGCGA
CTCCCTGACCTGGAGGACCAGTTATCCAGCACATGGATAAATATCTCGACTCTATGAT
TTGCATCTCCCTGGTGGCCTCCATCTGCAACCTCTGGC**CATTGCCATCGACAGGTACGT**
**CACCATCTTCTATGCCCTTCGGTACCACACAGCATCATGACAGTTAGGAAAGCCCTCACCTT
GATCGGGTCATCTGGGTCTGCGGCATCTGGCGTGATGTTCATCATCTACTCCGA
GAGCAAGATGGTCATCGTGTGTCATCACCATGTTCTCGCCATGGTGCTCCTATGGG
CACCCCTATATATCCACATGTTCTCTCGCCAGGCTCCACGTCCAGCGCATCGCAGTGCT
GCCCCCTGCTGCCGTGGCCACAGCAGCAGCACTCTGCATGAAGGGGGCTGTCACCAT
CACTATCTGCTGGGTTTTCATCTTCTGCTGGGCCTTTCTCCACCTGGTCCT
CATCATCACCTGCCCCACCAATCCCTACTGCATCTGCTACAGGCCATTTCACACACTA
CCTGGTTCTCATGTGACTCCGTCATCGACCCCTCATCTACGCCTCCGCAGCCT
GGAGCTGCCCAACACGTTCAAGGAGATTCTCTGCGGCTGCAACAGCATGAACTTGGGCTA
GGATGCCGTGGAGGTTTTCCACATCCAGCCAAGAGACAAAACAGCTCAGACGGGAC
GTAAAAGGGTGTAGGAGCTGGACTGTGCTTGGCTCGTCTGTAAGCTCGTGGCCTTT
GCAGACGGGACACGGCTAGGATGGGCTGTGAGGATCTGTGTGGGGTAAGCTAG
TTGATCTAGCACATAGCCTGGAAATCAGGCAAGCAGCCCTGAGTGTCATCTGTGT
ATTGCTAGGCACCCAGGGTTGTGGCCCTGCTGCTTATTGGCTTGTACCAGTAACTG
TGCTTCAAGCCAACCAGACCGGAGGGCTTCGTGAGCAGAAAGAGTGCTTAGACTCCGG
CAAGCATCCTGGCTCACAGCGCCACCTCCTGACCACTACCGGGAGAGCTTGCACATAT
TCTGTGGAGATTGAGTGAAAGCCCTGAAAACATGTGAATTTGTGCTCCCTCCAGAA
CTTACATCTGCCAGCCTCCCCGAACCCCTGCACAGAGACATGACCCCTTCTCCCTGT
GCCGTTGTCAGGTTGTATTATTGTTGGAGTTTGTGTTAAATCTAAGCTT**

FIGURE 2A